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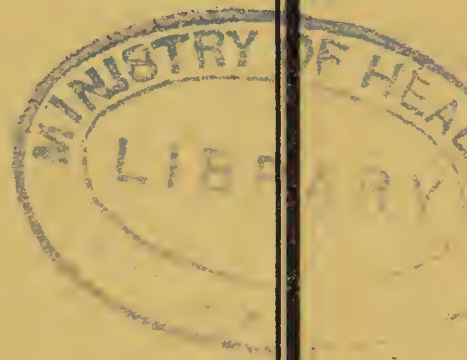
1951

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Tyne Port Health Authority

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ANNUAL  
REPORT



OF THE

Medical Officer of Health

---

SOUTH SHIELDS  
R. SIMPSON & SONS, CHAPTER ROW.

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1952.



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# Tyne Port Health Authority

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CONSTITUTED BY LOCAL GOVERNMENT BOARD'S ORDER,  
DATED 29TH MARCH, 1897.

---

ELECTED BY THE CORPORATION OF NEWCASTLE :

COUNCILLOR R. A. DIXON.  
COUNCILLOR M. B. FENWICK.  
COUNCILLOR R. S. GRAY, J.P.  
COUNCILLOR A. F. HOLMES.  
COUNCILLOR G. F. BOOTHROYD.  
COUNCILLOR M. SHAW.  
COUNCILLOR R. PARKER.  
COUNCILLOR A. L. STOREY.

ELECTED BY THE CORPORATION OF GATESHEAD :

ALDERMAN J. T. ETHERINGTON.  
ALDERMAN W. F. BARROW, J.P.  
ALDERMAN B. N. YOUNG (*Vice-Chairman*).

ELECTED BY THE CORPORATION OF SOUTH SHIELDS :

COUNCILLOR R. BAINBRIDGE, J.P.  
COUNCILLOR S. WALTON.  
COUNCILLOR W. DRUMMOND.

ELECTED BY THE CORPORATION OF TYNEMOUTH :

COUNCILLOR R. A. ANDERSON.  
COUNCILLOR W. LITTLE.

ELECTED BY THE CORPORATION OF WALLSEND :

ALDERMAN P. J. MCARDLE, J.P. (*Chairman*).  
COUNCILLOR C. L. PALMER, J.P.

ELECTED BY THE CORPORATION OF JARROW :

ALDERMAN P. SCULLION.

ELECTED BY THE HEBBURN URBAN DISTRICT COUNCIL :

COUNCILLOR S. MCINTYRE.

ELECTED BY THE FELLING URBAN DISTRICT COUNCIL :

COUNCILLOR J. BURLISON, J.P.

ELECTED BY THE BLAYDON URBAN DISTRICT COUNCIL :

J. T. STEPHENSON.

ELECTED BY THE NEWBURN URBAN DISTRICT COUNCIL :

COUNCILLOR D. DAWSON, O.B.E.

ELECTED BY THE WHICKHAM URBAN DISTRICT COUNCIL :

COUNCILLOR H. McDERMOTT.

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The above Constitution is as existing on the 31st December, 1951.



## Officers and Staff

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Medical Officer of Health	T. L. J. COXON, M.D., B.S., B.Hy., (D.P.H.)
Clerk to the Authority .....	J. ENGLISH.
Treasurer .....	J. GOODBURN RAINE.
Chief Inspector .....	N. PARK, CERT. R.S.I.
Deputy Chief Inspector .....	H. M. COATS, CERT. R.S.I.
Food Inspector .....	*R. O. BURN, CERT. R.S.I.
Inspector .....	*W. B. WEATHERSTON, CERT. R.S.I.
„ .....	†W. G. L. DICKS.
Clerk, Mill Dam Office .....	E. M. GLENNY.
Ratsearcher .....	J. H. ROBINSON.
„ .....	H. BURN.
„ .....	†R. HUMPHREY.
Launches .....	J. W. RAY (Senior Coxswain).
„ .....	R. S. BURN (Coxswain).
„ .....	E. H. S. WATSON.
„ .....	K. JARVIS.
* Certificate of Meat and Other Foods.	
† Appointed 7th December, 1951.	

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### OFFICES OF THE AUTHORITY.

Medical Officer of Health	..... Mill Dam, South Shields. Tel. South Shields 65.
Chief Inspector.....	Mill Dam, South Shields. Tel. South Shields 65.
Clerk to the Authority :	145, Pilgrim Street, Newcastle-upon-Tyne, 1. Tel. Newcastle 22796.

## Tyne Port Health Authority

MILL DAM,

SOUTH SHIELDS,

*August, 1952.*

THE CHAIRMAN,

VICE-CHAIRMAN AND MEMBERS

of the Tyne Port Health Authority.

LADIES AND GENTLEMEN.

I have the honour to submit for your consideration, the Annual Report on the work of the Authority for the year, 1951.

The form of the report is in general governed by Ministry of Health instructions and follows a fairly stereotyped pattern.

During the year an extension of the existing procedure of rodent control in foreign going vessels to coasting vessels was introduced, and a modified copy of the International Deratisation Certificate, valid however for four months instead of six, can now be issued.

This tightening of control on the coastal trade has long been felt necessary as an important step in the fight against the introduction of disease and the prevention of destruction of food.

The extension of rat proofing to docks and wharves, and the clearance of derelict riparian areas combined with the additional control of shipping, should go far to terminate the rodent menace which has proved so costly in the past.

Opportunity was taken, in view of the increase in the number of inspections occasioned by these fresh duties, to bring up the depleted staff of the Authority to a more normal complement by the appointment of an additional inspector and rat searcher. The inspectorial staff is still below pre-war strength.

As in all time past, effective work by your officers, depends on the maintenance of a close co-operation between this Authority on the one hand and the associate authorities of H.M. Customs and Excise in respect of the maintenance of general health control, and H.M. Immigration Service in regard to the examination of aliens.

I am happy to say that cordial feelings continue to exist between all three services.

To the staff of the Tyne Improvement Commission and the Tyne Pilotage Authority I wish to extend my thanks for their help towards a satisfactory year's working.

Finally, on behalf of your Staff, the Clerk to the Authority and myself, I wish to thank all Members of the Tyne Port Health Authority for their continued interest in our work.

I am, Ladies and Gentlemen,

Your obedient Servant,

T. L. J. COXON.



# TYNE PORT HEALTH AUTHORITY

## Report of the Medical Officer of Health for the Year ended 31st December, 1951.

### 1. AMOUNT OF SHIPPING ENTERING THE PORT DURING THE YEAR 1951.

TABLE A.

	Number	Tonnage	Number inspected.		Number reported to be defective	Number of vessels on which defects were remedied	Number of vessels on which defects were found & reported to Ministry of War Transport Surveyors	Number of vessels reported as having, or having had during the voyage infectious disease on board
			By the Medical Officer of Health	By the Sanitary Inspectors				
FOREIGN :—								
Steamers .....	692	1,197,152	283	661	79	36	1	6
*Motor .....	718	1,150,978	277	681	47	28	.....	2
Sailing .....	.....	.....	.....	.....	.....	.....	.....	.....
Fishing .....	103	15,595	.....	45	1	1	.....	.....
Total Foreign.....	1,513	2,363,725	560	1,387	127	65	1	8
COASTWISE :—								
Steamers .....	3,774	4,038,627	105	2,843	157	121	1	3
*Motor .....	1,585	1,348,585	67	1,096	39	29	.....	5
Sailing .....	.....	.....	.....	.....	.....	.....	.....	.....
Fishing .....	6,171	278,291	.....	6	.....	.....	.....	.....
Total Coastwise .....	11,530	5,665,503	172	3,945	196	150	1	8
TOTAL FOREIGN AND COASTWISE .....	13,043	8 029,228	732	5,332	323	215	2	16

\* Includes mechanically propelled vessels other than steamers.

Total number of vessels visited by Inspectors :—

#### *British Ships.*

Steam .....	2,622
Motor .....	1,082
Sail .....	.....
Fishing .....	.....

3,704

#### *Foreign Ships.*

Steam .....	882
Motor .....	695
Sail .....	.....
Fishing .....	51

1,628

Re-visits .....

787

6,119

## Total number of crews of vessels visited by Inspectors :—

*British Ships.*

British White .....	70,559	
British Coloured .....	5,808	
Alien White .....	860	
Alien Coloured .....	1,085	
	<hr/>	78,312

*Foreign Ships.*

British White .....	751	
British Coloured .....	169	
Alien White .....	43,272	
Alien Coloured .....	466	
	<hr/>	44,658
		<hr/>
		122,970
		<hr/>

*British Fishing Vessels.*

British White .....	.....
---------------------	-------

*Foreign Fishing Vessels.*

Alien White .....	1,171	
	<hr/>	
		1,171
		<hr/>

## Total number of passengers of vessels visited by Inspectors :—

*British Ships.*

British .....	155	
Alien .....	60	
	<hr/>	215

*Foreign Ships.*

British .....	15,449	
Alien .....	19,049	
	<hr/>	34,498
		<hr/>
		34,713
		<hr/>

*Fishing Vessels.*

British .....	.....
Alien .....	.....
	<hr/>

## Tonnage of vessels visited by Inspectors :—

*Steamers.*

British .....	3,356,423	
Foreign .....	1,103,556	
	<hr/>	4,459,979

*Motors.*

British .....	1,312,571	
Foreign .....	871,392	
	<hr/>	2,183,963

*Sailing Vessels.*

British .....	Nil.	
Foreign .....	Nil	
	<hr/>	Nil.
		<hr/> 6,643,942
British .....	Nil.	
Foreign .....	7,529	
	<hr/>	7,529
		<hr/>

The Nationalities of vessels inspected were as follows :—

British .....	3,704
Argentinian .....	1
Belgian .....	5
Canadian .....	2
Costa Rican .....	3
Cyprian .....	1
Danish .....	165
Dutch .....	232
Faroese .....	1
Finnish .....	79
French .....	28
German .....	186
Greek .....	19
Honduranian .....	2
Irish .....	1
Israelic .....	2
Italian .....	13
Jugo Slav .....	4
Liberian .....	4
Norwegian .....	416
Panamanian .....	55
Polish .....	4
Portugese .....	4
Russian .....	3
South African .....	1
Spanish .....	22
Swedish .....	303
Swiss .....	3
Syrian .....	2
Turkish .....	4
United States America .....	12
	<hr/>
TOTAL .....	5,281
	<hr/>

The Nationalities of Fishing Vessels visited were as follows :—

Dutch .....	1
Faroese .....	2
French .....	41
German .....	1
Icelandic .....	4
Norwegian .....	1
Polish .....	1
	<hr/>
	51
	<hr/> <hr/>

The number of Re-visits made during the year were as follows :—

In connection with the issuing of Deratisation and Deratisation Exemption Certificates .....	535
In connection with sickness .....	26
In order to have defects remedied.....	222
In connection with food.....	4
	<hr/>
	787
	<hr/> <hr/>

The number of vessels inspected during each year for the last 10 years has been as follows :—

1942	Vessels .....	2,898	
	Fishing Vessels .....	.....	
	Re-visits .....	882	
		<hr/>	3,780
1943	Vessels .....	2,868	
	Fishing Vessels .....	.....	
	Re-visits .....	838	
		<hr/>	3,706
1944	Vessels .....	2,791	
	Fishing Vessels .....	.....	
	Re-visits .....	708	
		<hr/>	3,499
1945	Vessels .....	3,359	
	Fishing Vessels .....	5	
	Re-visits .....	842	
		<hr/>	4,206
1946	Vessels .....	4,269	
	Fishing Vessels .....	.....	
	Re-visits .....	942	
		<hr/>	5,211
1947	Vessels .....	4,708	
	Fishing Vessels .....	65	
	Re-visits .....	820	
		<hr/>	5,593



1948	Vessels .....	5,044	
	Fishing Vessels .....	338	
	Re-visits .....	815	
		————	6,197
1949	Vessels .....	5,601	
	Fishing Vessels .....	150	
	Re-visits .....	772	
		————	6,523
1950	Vessels .....	5,561	
	Fishing Vessels .....	88	
	Re-visits .....	767	
		————	6,416
1951	Vessels .....	5,281	
	Fishing Vessels .....	51	
	Re-visits .....	787	
		————	6,119

## II.—CHARACTER OF TRADE OF PORT—TABLE B.

## (A) PASSENGER TRAFFIC DURING THE YEAR 1951.

No. of Passengers.	1st Class.	2nd Class.	3rd Class.	Trans- migrants.
Inwards .....	.....	*35,974	.....	Nil.
Outwards .....	.....	*35,669	.....	Nil.

\*This Total includes 1st, 2nd and 3rd Class.

TABLE SHOWING PASSENGER TRAFFIC FOR 1938 AND  
FROM 1944 TO 1951.

Year.	PASSENGERS. 1st, 2nd and 3rd Class		Transmigrants.	
	Inwards.	Outwards.	Inwards.	Outwards.
1938 .....	26,656	27,220	664	207
1944 .....	62	.....	.....	.....
1945 .....	3,504	5,372	.....	.....
1946 .....	15,559	15,372	.....	.....
1947 .....	21,179	19,974	.....	.....
1948 .....	28,126	25,985	.....	.....
1949 .....	33,598	31,371	.....	.....
1950 .....	35,560	34,482	.....	.....
1951 .....	35,974	35,669	.....	.....

Further expansion of passenger traffic between Scandinavia and Tyne took place during the year, when the travelling public reached the high level mark of 71,643, an increase on all previous years and an increase of 30% over the peak pre-war years.

Eight first-rate passenger vessels arrive and sail during the summer period each week, and the winter service is maintained by five regular arrivals and sailings.

Two further and larger vessels under construction, should be in commission next year and the booking accommodation will then be increased by another 1,000 berths a week.

Norway is deservedly taking its place as a major touring and holiday centre.

## (B) CARGO TRAFFIC.

Total tonnage entering the port has shown an increase over last year.

1946.	Foreign .....	1,659,445	
	Coastwise .....	3,570,899	
			5,230,344
1947.	Foreign .....	1,575,042	
	Coastwise .....	3,925,508	
			5,500,550
1948.	Foreign .....	1,752,855	
	Coastwise .....	4,287,243	
			6,040,098
1949.	Foreign .....	2,304,073	
	Coastwise .....	5,000,246	
			7,304,319
1950.	Foreign .....	2,297,988	
	Coastwise .....	5,379,139	
			7,677,127
1951.	Foreign .....	2,363,725	
	Coastwise .....	5,387,212	
			7,750,937

Through the courtesy of the General Manager of the Tyne Improvement Commission, I am able to give the following report on the import and export trade of the Tyne Ports.

Increase in the total tonnage of imports is mainly accounted for by heavier importation of grain (55,000 tons), oils (130,000 tons) and timber (120,000 tons).

Exports are slightly up, the largest individual item being an increase in machinery of some 10,000 tons.

## PRINCIPAL IMPORTS.

*General Merchandise—*

1951. 2,518,983 tons.

Included in the above are :—

	<i>Tons.</i>
Iron Ore .....	572,638
Timber (excluding pit props) .....	240,089
Oil fuel and other oils.....	632,292
Grain .....	305,588
Provisions .....	146,909
Cement .....	120,957
Iron and Steel Manufacturers and Scrap .....	28,100
Petroleum Spirit .....	86,188
Metals and Minerals (excluding iron ore) .....	64,088
Fruit and Vegetables .....	22,554
Pit Props .....	100,770
Other Goods .....	84,376
Beer .....	11,094
Fertilizers .....	70,039
Fish .....	33,301

## PRINCIPAL EXPORTS.

*General Merchandise—*

1951 : 391,570 tons.

Included in the above are :—

*Tons.*

Sulphate of Ammonia.....	97,007
Iron and Steel Manufacturers .....	29,159
Oil fuel cargo .....	53,344
Pitch and Tar .....	28,120
Petroleum Spirit .....	32,963
Textiles .....	9,670
Firebricks and Fireclay .....	8,838
Rope and Binder Twine .....	3,144
Metals (non ferrous) .....	2,800
Paints .....	4,119
Other Goods .....	68,980
Grain and Feeding Stuffs .....	17,982
Machinery.....	35,444
Oil Fuel Shipped as Bunkers.....	179,038

## COAL AND COKE SHIPMENTS.

1951.

*Tons.*

Coal .....	8,070,487
Bunkers .....	341,345
Coke .....	265,282
Total .....	<u>8,677,114</u>

## (c) PRINCIPAL PORTS FROM WHICH VESSELS ARRIVE.

Normal Tyne trading includes a large proportion of traders from Norwegian, Swedish, Danish, Dutch and German Baltic ports, and a slighter larger volume than previously from Finland.

Oil and petrol from Abadan ; iron ore from West African ports, a few from Spain, and general cargoes from America make up the bulk of the rest of the total of general trade.



## MEDICAL INSPECTION OF ALIENS.

**Annual return by the Medical Inspector of Aliens for the year ended 31st December, 1951.**

	TOTAL	Number In-spected by the Medical In-spector	Number sub-jected to detailed exami-nation by the Medical In-spector	CERTIFICATES ISSUED.					Trans-migrants
				Lunatic Idiot or M.D.	Undesir-able for medical reasons	Physi-cally incapa-citated	Suffering from aeute infec-tious disease	Landing neces-sary for adequate medical exami-nation	
(a) Total number of Aliens land-ing at the Port	18,495	14,230	723	.....	.....	.....	.....	1	.....
(b) Aliens refused permission to land by Immi-gration Officer	28	18	10	.....	.....	.....	.....	.....	.....
(c) Transmigrants	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Aliens arriv-ing at the Port	18,523	14,248	733	.....	.....	.....	.....	1	.....

Total number of vessels carrying Alien passengers ..... 492

Number of Vessels dealt with by the Medical Inspector ..... 439

### III. WATER SUPPLY.

*Source of Water Supply for—*

#### 1. THE PORT.

The water supply for the Tyne Ports is obtained from the following sources :—Newcastle & Gateshead Water Co., Sunderland & South Shields Water Co. and Tynemouth Water Company.

#### 2. SHIPPING.

Vessels may obtain fresh water direct from hydrants from all these supplies ; also from 10 waterboats which obtain their supply from the above companies.

The following hydrants are at the disposal of vessels for a direct supply of fresh water :—

- (a) At North Shields Fish Quay, the fishing fleet, foreign and coastwise, obtain their supply direct from the hydrants.
- (b) At North Shields, above Smith's Dock, there are five hydrants, each with a separate meter, where the waterboats obtain their supply from the Tynemouth Water Company.
- (c) On the south side, at Tyne Dock, there are hydrants on No. 2 and No. 3 jetties, where the waterboats obtain their supply direct from the mains. All vessels in this area obtain their fresh water from the waterboats.

- (d) In the mid-Tyne area, there are hydrants at Howdon and Wallsend, where waterboats obtain their supply of fresh water. All vessels requiring fresh water in this area obtain it from waterboats.
- (e) In the Newcastle and Gateshead area there are hydrants fitted with hose up to 100 feet with meter attachment.
- (i) At Newcastle Quay there are 22 hydrants available for the supply of fresh water from the Newcastle and Gateshead Water Company. Vessels are supplied with drinking water on application to the Quaymaster. The only difficulty they have experienced in supplying water direct from these hydrants has been in the case of very large vessels after discharging cargo at high water. The water tanks of these exceptional vessels have been as much as 40 feet above the level of the hydrant and more than 300 feet away. In these cases the vessels are supplied by water boats.
- (ii) At Tyne-Tees Company's Wharf, Johnson's Cement Wharf and King Edward Wharf there are hydrants fitted with hose and meter attachment for the supply of fresh water.
- (f) Dunston, Elswick and Derwenthaugh area.
- (i) Dunston Staiths (N.C.B.). These staiths are fully provided with hydrants and connecting hose at six berths for the supply of fresh water to vessels.
- (ii) Elswick Staiths. Hydrant and hose connections are provided on the wharf for the supply of fresh water to vessels.
- (iii) Vickers Armstrong Ltd. Provision is made for the supply of fresh water to vessels where hydrants and hose are available.

### 3. NUMBER OF WATERBOATS AND THEIR SANITARY CONDITION.

There are 10 waterboats available for the supply of fresh water to vessels at Tyne Ports. The following is a list of vessels and owners :—

<i>Name of Waterboat.</i>	<i>Name of Owner.</i>
" Crystal Fountain "	Messrs. R. G. Aitken & Co.
" Alice " .....	„ V. A. Curry.
" Daydream " .....	„ „
" Harcuss " .....	„ „
" Royal Sovereign " .....	„ Fenn Bros.
" Britannia " .....	„ A. Gibson.
" Medway " ..	„ „
" I'll Try " .....	„ S. Pascoe & Co.
" Thomas & Alice .....	„ „
" Tyne " .....	„ „



## WATERBOATS.

Waterboats continue to supply chlorinated water for drinking and other purposes to shipping lying at buoys and at other points on the river inaccessible to shore supplies.

## IV. PORT HEALTH REGULATIONS, 1933 AND 1945.

## 1. ARRANGEMENTS FOR DEALING WITH DECLARATIONS OF HEALTH.

Declarations of Health are supplied to Masters of vessels by the pilots, officers of H.M. Customs and Sanitary Officers on arrival. In the case of regular traders supplies of Declarations are issued to cover the period of three months.

Declarations are collected and examined by Officers of H.M. Customs or the Port Health Officer, whichever is first on board, and Forms P.S.2 or P.S.2A are left as receipt by the respective Officers.

In cases where questions 1 to 6 are answered in the negative, the vessel is allowed to proceed, but when answered in the affirmative the Port Health Authority is at once notified and pratique withheld until the Medical Officer has visited the vessel.

## 2. BOARDING OF VESSELS ON ARRIVAL.

All vessels reporting sickness are boarded on arrival by the Medical Officer and Chief Inspector.

Vessels from infected ports reporting sickness are sent direct to the appropriate mooring station for medical examination. All other vessels are boarded and examined on arrival at their appointed berths.

## 3. NOTIFICATION TO THE AUTHORITY OF INWARD VESSELS REQUIRING SPECIAL ATTENTION (WIRELESS MESSAGES, LAND SIGNAL STATIONS, INFORMATION FROM PILOTS, CUSTOMS OFFICERS, ETC.)

Masters of vessels requiring special attention on arrival are able to get in communication with the Port Health Authority by Wireless (Telegraphic Address—Portelth, South Shields), giving particulars and probable time of arrival.

Pilots report any sickness on passing H.M. Customs Hailing Station, who in turn are in direct telephonic communication with the Mill Dam Office.

## 4. MOORING STATIONS DESIGNATED UNDER ARTICLE 10.

(a) *Within Docks.*

(b) *Outside Docks.*

It has been arranged with H.M. Customs and Tyne Improvement Commission to adopt the following scheme in reference to moorings other than the Quarantine Station at Jarrow Slake, which will remain as heretofore for dealing with infected vessels arriving direct from sea.

(a) Tyne Dock.

(b) Dunston.

Northumberland Dock.

Newcastle Quay.

Albert Edward Dock.

Jarrow Slake.

At each of these places arrangements have been made by the Medical Officer of Health with the Dock Masters concerned to provide isolation buoys when required. At any other place of mooring, discharging or loading in the Tyne area, the Medical Officer will designate a place of mooring station when required.

In order to prevent unnecessary delay in shipping in the Port the following procedure should be carried out :—

- (1) Any ship with cholera, plague, yellow fever, typhus or small-pox on board shall proceed to the mooring station at Jarrow Slake.
- (2) Where a ship, whether foreign or home trade, arrives at the Tyne from a Foreign port, and it appears in answer to questions or otherwise that :—
  - (a) During the voyage, or last six weeks of voyage, there has been on the ship a death from illness suspected to be any of the five above-mentioned diseases, she shall proceed to the appointed mooring station nearest her ordinary berth.
  - (b) During the voyage or last six weeks of same, plague has occurred or been suspected amongst rats or mice on the ship, or sickness or death not attributable to poison or other methods of destruction has occurred amongst the rats or mice on the ship, she shall proceed to her appropriate mooring station nearest her ordinary berth.
  - (c) The ship has
    - (i) called at a port or seaboard included in the weekly return of infected or suspected ports or seabords but reports “ all well ” during the voyage and arrives with no sickness on board, unless a written notice to the contrary has been delivered to the Customs Officer or on behalf of the Medical Officer ; or
    - (ii) has on board a case of minor infectious disorder, namely, chicken-pox, measles, scarlet fever, diphtheria, enteric fever, pneumonia, tuberculosis, mumps, cerebro spinal fever, erysipelas, malaria or dysentery she shall be permitted to proceed to her ordinary place of mooring, loading or discharge, and be granted modified pratique there, the Medical Officer being informed.

##### 5. PARTICULARS OF ANY STANDING EXEMPTIONS FROM THE PROVISIONS OF ARTICLE 14.

Under Article 14, any vessel arriving and having on board a case of minor infectious disorder, namely, chicken-pox, measles, scarlet fever, diphtheria, enteric, pneumonia, tuberculosis, mumps, cerebro spinal fever, erysipelas, malaria or dysentery, will be permitted to proceed to her ordinary place of mooring, loading or discharge, and be granted modified pratique there, the Medical Officer being informed.



## 6. EXPERIENCE OF WORKING OF ARTICLE 16.

Boarding of tradesmen's representatives before the granting of pratique has occurred from time to time, and in order to prevent this practice, warnings have been issued to all offenders that subsequent infringements would be the subject of stringent action.

Warnings, but no legal actions were undertaken during 1951.

## 7. WHAT, IF ANY, ARRANGEMENTS HAVE BEEN MADE FOR :—

(a) *Premises and waiting rooms for medical examinations.*

Examination rooms are available at Mill Dam Offices, South Shields. Alien examination, in conjunction with H.M. Immigration Officers, takes place on board passenger vessels and mail boats.

A female assistant is in attendance.

(b) *Cleansing and disinfection of ships, persons and clothing and other articles.*

Disinfection of infected quarters is carried out by the Tyne Port Health Authority's Staff.

Bedding, clothing and other articles are dealt with at the Steam Disinfection Stations belonging to the Riparian Authorities.

Arrangements have been made for the cleansing of persons at the City Hospital for Infectious Diseases, Newcastle-upon-Tyne.

(c) *Premises for the temporary accommodation of persons for whom such accommodation is required for the purpose of the Regulations.*

Persons for whom accommodation is required for the purpose of the Regulations are sent to the City Hospital for Infectious Diseases, Newcastle-upon-Tyne.

(d) *Hospital accommodation available for plague, cholera, yellow fever, small-pox and other infectious diseases.*

Arrangements have been made for the reception of all infectious diseases at Newcastle, Gateshead, North Shields and South Shields Infectious Hospitals.

(e) *Ambulance transport.*

Transport of cases by water is carried out by the Authority's Launches. Cases of land transport by motor ambulance.

(f) *Supervision of contacts.*

Contacts may be sent to the City Hospital for Infectious Diseases, Newcastle-upon-Tyne, or dealt with on board.

ARRANGEMENTS FOR THE BACTERIOLOGICAL OR PATHOLOGICAL  
EXAMINATION OF RATS FOR PLAGUE.

These examinations are carried out at the Central Public Health Laboratory, Newcastle-upon-Tyne.

9. ARRANGEMENTS FOR OTHER BACTERIOLOGICAL OR PATHOLOGICAL  
EXAMINATIONS.

These examinations are also carried out at the Central Public Health Laboratory, Newcastle-upon-Tyne.

10. ARRANGEMENTS FOR THE DIAGNOSIS AND TREATMENT OF  
VENEREAL DISEASE AMONG SAILORS UNDER THE INTERNATIONAL  
ARRANGEMENTS.

The Master of all vessels are asked to report any case of venereal disease occurring amongst their crew, when instructions are given for the treatment of venereal disease at the local clinics. Particulars of the location and times of clinics are supplied by the Officers of the Authority.

11. ARRANGEMENTS FOR THE INTERMENT OF DEAD.

When death occurs on board ship at Tyne Ports the body is removed to the nearest mortuary and arrangements made for the interment.

12. OTHER MATTERS, IF ANY, REQUIRING OR RECEIVING ATTENTION.  
Nil.

TABLE C.  
CASES OF INFECTIOUS SICKNESS LANDED FROM VESSELS.

Disease.	No. of Cases during the Year		No. of Vessels concerned	Average No. of Cases for previous 5 years
	Passengers	Crew		
Chicken Pox .....	.....	.....	.....	2.2
Cholera .....	.....	.....	.....	.....
Diphtheria .....	.....	.....	.....	.8
Suspected Diphtheria .....	.....	.....	.....	.2
Dysentery .....	.....	.....	.....	.....
Enteric .....	.....	1	1	.....
Erysipelas .....	.....	.....	.....	.2
Malaria .....	.....	.....	.....	.6
Recurrent Malaria .....	.....	.....	.....	1.0
Measles .....	.....	1	1	1.0
Mumps .....	.....	.....	.....	.....
Para-typhoid .....	.....	.....	.....	.....
Plague .....	.....	.....	.....	.....
Pneumonia .....	.....	.....	.....	.2
Suspected Pneumonia .....	.....	.....	.....	.2
Poliomyelitis .....	.....	.....	.....	.....
Rubella .....	.....	.....	.....	.2
Relapsing Fever .....	.....	.....	.....	.....
Scarlet Fever .....	.....	1	1	.2
Smallpox .....	.....	.....	.....	.....
Tuberculosis .....	.....	.....	.....	.....
Suspected Tuberculosis .....	.....	2	2	.2
Typhus .....	.....	.....	.....	.....
Whooping Cough .....	.....	.....	.....	.....
Yellow Fever .....	.....	.....	.....	.....

TABLE D.

CASES OF INFECTIOUS SICKNESS OCCURRING ON VESSELS  
DURING THE VOYAGE BUT DISPOSED OF PRIOR TO ARRIVAL.

Disease.	No. of Cases during the year		No. of Vessels concerned	Average No. of Cases for previous 5 years
	Passengers	Crew		
Chicken Pox .....	.....	.....	.....	1.0
Cholera .....	.....	.....	.....	.....
Diphtheria .....	.....	.....	.....	.2
Suspected Diphtheria .....	.....	.....	.....	.2
Dysentery .....	.....	2	2	9.4
Enteric .....	.....	.....	.....	.2
Suspected Enteric .....	.....	1	1	.2
Erysipelas .....	.....	.....	.....	.....
Malaria .....	.....	5	3	8.2
Suspected Malaria .....	.....	.....	.....	.8
Recurrent Malaria .....	.....	.....	.....	1.4
Cerebral Malaria .....	.....	.....	.....	.2
Measles .....	.....	.....	.....	2.6
Mumps .....	.....	.....	.....	.2
Para-typhoid .....	.....	.....	.....	.6
Plague .....	.....	.....	.....	.....
Pneumonia .....	.....	2	2	2.0
Suspected Pneumonia .....	.....	.....	.....	.2
Bronchial Pneumonia .....	.....	1	1	.4
Poliomyelitis .....	.....	.....	.....	.....
Rubella .....	.....	.....	.....	.2
Relapsing Fever .....	.....	.....	.....	.....
Scarlet Fever .....	.....	.....	.....	.....
Suspected Scarlet Fever .....	.....	.....	.....	.2
Small Pox .....	.....	.....	.....	.2
Suspected Small Pox .....	.....	.....	.....	.2
Tuberculosis .....	.....	1	1	1.6
Suspected Tuberculosis .....	.....	1	1	2.8
Typhus .....	.....	.....	.....	.2
Suspected Typhus .....	.....	.....	.....	.2
Whooping Cough .....	.....	.....	.....	.....
Yellow Fever .....	.....	.....	.....	.....



DYSENTERY.

1951 .....	Name of Vessel	From	On voyage	On or after arrival	Remarks	Notes on arrival at Tyne
July 10	m.s. "British Pilot "	Abadan, Aden, Port Said & Grangem'th	1	.....	Left at Aden	All well
Oct. 9	m.s. " Port Freemantle."	Freemantle, Aden, Port Said and Gibraltar.	1	.....	Left at Aden.	All well
			2	.....		

ENTERIC.

June 11	m.s. " Sepia."	Thameshaven .....	.....	1		Removed hospital.
			.....	1		

SUSPECTED ENTERIC.

June 4	m.s. " Sobo."	Freetown, Bathurst, Las Palmas & London.	1		Left at Hull.	All well.
			1	.....		

MALARIA.

July 19	s.s. " Berylstone."	Dakar, Sapele, Lagos, Bathurst, Las Palmas and London.	1	.....	Buried at Sea.	All well.
Nov. 9	s.s. " Monte Teide."	Pepel .....	3	.....	Left at Vigo.	All well.
Dec. 17	s.s. " Masunda."	Pepel .....	1	.....	Recovered	All well.
			5	.....		

MEASLES.

April 20	s.s. " Bowcombe."	London ... ..		1		Removed hospital.
			.....	1		

PNEUMONIA.

Sept. 6	s.s. " Oakley "	Vegle & Valkor .....	1	.....	Left at Valkor.	All well.
Nov. 17	s.s. " Rembrandt."	Wabana .....	1	.....	Recovered	All well.
			2	.....		

## BRONCHIAL PNEUMONIA.

1951	Name of Vessel	From	On voyage	On or after arrival	Remarks	Notes on arrival at Tyne
Jan. 9	m.s. "Echodale."	Abadan & Portland .....	1	.....	Left at Portland.	All well.
			1	.....		

## SCARLET FEVER.

June 7	m.s. "Helny" .....	Mariehamn .....	.....	1		Removed hospital.
			.....	1		

## TUBERCULOSIS.

Mar. 15	s.s. "Benwyvis."	Hamburg .....	..	1	Left at Hull.	Removed hospital.
Oct. 30	s.s. "Clan Macniel."	Aden, Suez, Port Said, Boulogne & Antwerp.	.....	1		Removed hospital.
Nov. 26	s.s. "Kelvinbank."	Lyttleton, Wellington, Dunedin, Curacao, Hull and London.	1	.....		All well.
			1	2		

## SUSPECTED TUBERCULOSIS.

Sept. 26	m.s. "Oilfield."	Aruba & Killigholme ...	1	.....	Left at Aruba.	All well.
			1	.....		

## PSITTACOSIS.

*Parrots (Prohibition of Import) Regulations, 1930.*

10 vessels arrived at Tyne Ports with 14 parrots, 5 budgerigars and 2 love birds on board. All birds appeared to be in a healthy condition.

No cases of Psittacosis (Parrot Disease) occurred during the year.

GENERAL SICKNESS ON BOARD VESSELS ARRIVING AT TYNE PORTS DURING THE YEAR 1951.  
 The subjoined table gives a return of sickness\* reported by Masters of Vessels as having occurred during the voyage, or coming under the notice of the Tyne Port Health Officials in each month of the year 1951.

1951.	Dysentery	Enteric	Suspected Enteric	Malaria	Measles	Pneumonia	Bronchial Pneumonia	Scarlet Fever	Tuberculosis	Suspected Tuberculosis	Accidents	Abscesses, Boils, etc.	Appendicitis	Asthma and Bronchitis	Arthritis	Debility	Diarrhoea	Diseases of Chest	Disease of Ear	Diseases of Glands	Diseases of Heart	Diseases of Joints.
January	..	..	..	..	..	..	*1	..	..	..	3	..	..	..	..	..	..	..	..	..	*1	..
February	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	..	..	1	1	1
April	..	..	..	..	†1	..	..	..	..	..	3	..	2	..	1	1	1	..	1	..	..	..
May	..	..	..	..	..	..	..	..	..	..	6	1	2	..	..	..	..	..	..	..	..	..
June	..	†1	1	..	..	..	..	†1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
July	1	..	..	*1	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..
August	..	..	..	..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	..	..
September	..	..	..	..	..	1	..	..	..	1	*4	..	..	..	..	..	1	..	1	1	*1	..
October	1	..	..	..	..	..	..	..	†1	..	4	..	1	..	..	..	1	..	1	..	..	..
November	..	..	..	3	..	1	..	..	1	..	6	1	1	..	..	..	1	..	1	1	..	..
December	..	..	..	1	..	..	..	..	..	..	2	2	2	..	..	..	..	1	..	..	..	..
TOTALS	2	†1	1	5	†1	2	*1	†1	3	1	*36	4	13	1	1	1	4	1	4	2	**3	1



GENERAL SICKNESS ON BOARD VESSELS ARRIVING AT TYNE PORTS.—*continued.*

1950	Diseases of Kidneys	Diseases of Lungs	Diseases of Skin	Diseases of Stomach	Diseases of Teeth and Gums	Diseases of Throat	Diseases of Veins	Diabetes	Enteritis	Epilepsy	Febrile Catarrh	Haematoma	Herpes	Hernia	Influenza	Jaundice	Lumbago	Mental Disorders	Non-defined	Rheumatism and Neuritis	Sinovitis	Veneral	TOTALS
January .....	...	1	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	12
February .....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	1	10
March .....	...	...	...	2	1	...	...	...	...	...	1	...	...	...	...	1	1	...	...	...	...	1	12
April .....	1	...	...	2	...	1	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	5	21
May .....	...	...	2	1	...	1	1	...	...	...	...	...	1	1	1	...	...	...	1	...	...	5	23
June .....	...	...	...	1	...	...	1	...	...	...	2	1	...	1	...	...	...	1	...	...	...	1	12
July .....	...	...	1	1	...	...	...	...	...	...	12	...	...	2	1	...	...	...	2	...	...	2	25
August .....	...	...	...	1	...	...	...	...	9	...	...	...	...	...	...	...	...	2	2	...	...	3	24
September .....	1	...	...	1	...	...	...	...	...	1	1	...	...	...	1	...	...	...	*1	...	...	9	24
October .....	...	...	1	2	...	1	...	...	...	...	1	...	...	1	...	...	1	...	...	...	1	4	24
November .....	...	...	...	...	...	...	...	...	...	...	4	...	...	...	1	...	...	...	...	1	...	3	24
December .....	...	...	...	3	...	1	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	7	
TOTALS .....	3	1	4	14	1	7	2	1	9	1	22	1	1	6	12	1	3	3	*6	2	1	43	233

The names of the diseases during the voyage are given as reported by the Master of the vessels.

† Remove to Isolation Hospitals.

\*Deaths.



VESSELS ARRIVING FROM INFECTED OR SUSPECTED PORTS.

Vessels arriving at Tyne from Infected Ports were boarded by  
Medical Officer and Inspectors of the Tyne Port Health Authority,  
as under :—

Name of Port.		Direct to the Tyne.	To the Tyne Indirect.
Accra .....	°	.....	1
Bombay .....	§†	.....	1
Bremen .....	†	.....	3
Calcutta .....	‡*	.....	4
East London .....	†	.....	1
Freetown .....	†	.....	8
Izmir ... ..	†	.....	1
New Orleans .....	†	1	2
Singapore .....	†	.....	1
Tripoli .....	†	.....	2
Vizagapatam .....	*	.....	1
TOTALS .....		1	25

\*Smallpox.      †Typhus.      ‡Plague.      §Cholera.      °Yellow Fever.

## V. MEASURES AGAINST RODENTS.

## 1. STEPS TAKEN FOR THE DETECTION OF RODENT PLAGUE.

*(a) In ships in the port.*

All rats captured or killed on board ship are examined before being cremated. Suspected rats are sent to Central Public Health Laboratories, Newcastle upon Tyne for bacteriological examination. In cases where this examination proves positive, specimens are also sent to the Ministry of Health.

*(b) On quays, wharves, warehouses, etc., in the vicinity of the port.*  
Not Applicable.

## 2. MEASURES TAKEN TO PREVENT THE PASSAGE OF RATS BETWEEN SHIPS AND THE SHORE.

Rat guards are placed on all mooring ropes ; also a wrapping of canvas coated with gas tar. Gangways are limewashed and strips of canvas coated with gas tar tacked down on gangways.

## 3. MEASURES OF DERATISATION OF

*(a) Ships.*

Fumigation by sulphur di-oxide, hydrogen cyanide and other approved methods.

*(b) Premises in the vicinity of docks or quays.*

Not applicable.

## 4. MEASURES TAKEN FOR THE DETECTION OF RAT PREVALENCE IN SHIPS.

Vessels are examined by our Inspectors and Ratcatchers.

## 5. RAT-PROOFING.

*(a) To what extent are docks, wharves, warehouses, etc., rat proof ?*

The Tyne Port Health Authority have no jurisdiction over docks, wharves, warehouses and shore premises. Measures have been taken by the Shore Authorities in the construction and provision of new sheds on the quaysides, with the result that rat harbourage has been considerably reduced.

*(b) Action taken to extend rat-proofing.**(i) (in ships).*

When on examination rat harbourage is discovered this matter is pointed out to the Owners' Superintendent, when we advise him to eliminate same as far as possible by substituting metal sheathing and expanded metal in place of wooden casings and sheathings.

*(ii) on shore.*

Not applicable.

RATS DESTROYED DURING THE YEAR 1951.

TABLE E.

(1) ON VESSELS.

1951.

Number of Rats.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in Year.
Black .....	180	120	...	12	9	9	4	11	36	82	1	75	539
Brown .....	75	2	11	15	7	3	10	5	5	9	12	21	175
Species not recorded .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Examined .....	255	122	11	27	16	12	14	16	41	91	13	96	714
Infected with Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE FOR 1950 IS APPENDED FOR COMPARISON.

1950.

Number of Rats.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in Year.
Black .....	21	...	87	56	46	10	...	...	47	9	22	11	309
Brown .....	31	...	63	22	67	...	11	48	27	24	34	5	332
Species not recorded .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Examined .....	52	...	150	78	113	10	11	48	74	33	56	16	641
Infected with Plague .....	...	...	...	...	...	...	...	...	...	...	...	...	...



RATS DESTROYED DURING THE YEAR 1951—*continued*.

TABLE F.

(2) ON SHORE.

The docks, wharves and warehouses at the Tyne Ports come under the jurisdiction of the shore authorities and no reports are available.

TABLE G.

MEASURES OF RAT DESTRUCTION ON PLAGUE “INFECTED” OR “SUSPECTED” VESSELS OR VESSELS FROM PLAGUE INFECTED PORTS ARRIVING IN THE PORT DURING THE YEAR 1951.

Total number of such Vessels arriving. 1.	Number of such Vessels Fumigated by S.O.2. 2.	Number of Rats Killed. 3.	Number of such Vessels Fumigated by H.C.N. 4.	Number of Rats Killed. 5.	Number of such Vessels on which Trapping Poisoning, etc. were employed. 6.	Number of Rats Killed. 7.	Number of such Vessels on which measures of Rat Destruction were not carried out. 8.
Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.

TABLE H.  
DERATISATION CERTIFICATES AND DERATISATION EXEMPTION CERTIFICATES ISSUED DURING THE YEAR 1951.

Net Tonnage.	No. of Ships.	Number of Deratisation Certificates Issued.					Number of Deratisation Exemption Certificates Issued.	Total Certificates Issued.
		After Fumigation with			After Trapping, Poisoning, etc. 6	Total.		
		H.C.N. 3	Sulphur. 4	H.C.N. and Sulphur. 5				
1	2	3	4	5	6	7	8	9
Ships up to 300 tons	39	...	...	...	...	...	39	39
Ships from 301 to 1,000 tons	52	2	...	...	...	2	50	52
Ships from 1,001 to 3,000 tons	71	7	...	...	...	7	64	71
Ships from 3,001 to 10,000 tons	232	27	...	...	...	27	205	232
Ships over 10,000 tons	1	...	...	...	...	...	1	1
TOTALS	395	36	...	...	...	36	359	395

PREVENTION OF DAMAGE BY PESTS (APPLICATION TO SHIPPING) ORDER, 1951.

RODENT CONTROL CERTIFICATES ISSUED UNDER THE ABOVE REGULATIONS TO COASTWISE AND HARBOUR CRAFT.

October 1st to December 31st, 1951.....TOTAL 46.

These Certificates, an abbreviated form of the International Certificate, are issued every four months after inspection by an officer of the Authority.

VI. HYGIENE OF CREW'S SPACES.

TABLE J.

(CLASSIFICATION OF NUISANCES).

Nationality of vessels.	Number inspected during the year.	Defects of original construction.	Structional defects through wear and tear.	Dirt, Vermin and other conditions prejudicial to health.
British.....	3,704	3	121	230
Other Nations .....	1,577	.....	17	29

## SANITARY DEFECTS.

Inspection of crews' accommodation continues a most important part of the Port Health Inspector's duties.

Whilst revealing numerous instances of the continuance of defects, which, with improved supervision by responsible officers and a responsive crew, should never occur, there are indications in the inspections that owners and superintendents are showing a happier spirit and amore earnest desire to give satisfactory accommodation to the personnel on board.

The elimination of out of date tramps and the substitution of faster and more economically run new tonnage with accommodation according to modern standards is still slow of accomplishment. The extensive buildings of oil tankers has set a high standard of ship board comfort for their personnel.

THE TOTAL NUMBER OF VESSELS USING THE PORT DURING 1951  
IS AS FOLLOWS :—

Steamers .....	4,466
Motor Vessels .....	2,303
Sailing Vessels .....	.....
Fishing Vessels .....	6,274
TOTAL .....	13,043

THE NUMBER OF VESSELS ON WHICH DEFECTS WERE FOUND ARE  
AS UNDER :—

British --Steam .....	203	
Motor .....	80	
		283
Foreign --Steam .....	33	
Motor .....	6	
Fishing Vessels .....	1	
		40
TOTAL .....		323

THE NUMBER OF VESSELS ON WHICH DEFECTS WERE REMEDIED  
ARE AS UNDER :—

British --Steam .....	141	
Motor .....	52	
		193
Foreign --Steam .....	16	
Motor .....	5	
Fishing Vessel .....	1	
		22
TOTAL .....		215



## DEFECTS OF VESSELS INCLUDE THE FOLLOWING :—

		<i>Defects. Remedied.</i>	
		(a)	(b)
<i>Forecastles</i>	dirty	48	37
	neglected paintwork	110	87
	verminous	122	57
	litter to remove	1	.....
	defective mosquito netting	15	7
	unsatisfactory	1	.....
<i>Sleeping Quarters</i>	neglected paintwork	1	.....
	verminous	2	.....
	mattresses to renew	2	3
<i>Officers' Accommodation</i>	neglected paintwork	1	.....
	verminous	1	.....
<i>Midship Deckhouse</i>	verminous	2	.....
<i>Alleyways</i>	dirty	2	.....
	verminous	1	1
	defective insulation	1	1
<i>Galley</i>	dirty	2	2
	verminous	53	19
	provision of benches	.....	1
	renewal of utensils	1	1
	replacement of lead on bench	1	.....
	unsatisfactory condition	1	1
<i>Pantry</i>	dirty	.....	1
	verminous	50	17
<i>Messrooms</i>	neglected paintwork	3	.....
	verminous	12	3
	provision of lino for tables	1	.....
	unsatisfactory	1	1
	defective tables	2	1
<i>Storerooms</i>	verminous	4	1
	neglected paintwork	1	.....
<i>Flour Store</i>	verminous	.....	2
<i>Food Lockers</i>	defective	2	.....
<i>Clothes Lockers</i>	neglected paintwork	1	.....
	defective	1	.....
<i>Handling Room</i>	verminous	1	1
<i>Refrigerated Chambers</i>	dirty	1	1
	drainage to improve	1	.....
<i>W.C's.</i>	dirty	7	4
	neglected paintwork	4	2
	foul or choked	9	4
	defective	6	8
	defective flush	19	15
	seats to repair	18	11
	inadequate flush	1	.....

		<i>Defects. Remedied.</i>	
		(a)	(b)
<i>Washrooms</i>	dirty	3	1
	neglected paintwork	4	3
	defective basins	5	8
	defective showers	3	5
	inadequate	1	.....
<i>Dampness due to</i>	condensation	4	1
	deckhead leakages	33	25
	defective tank tops	3	3
	defective drainage	3	2
	choked scuppers	18	11
	leaking hawse or chain pipe	3	2
<i>Defects of</i>	ports, sky or deck-lights	24	22
	bulkheads	.....	1
	doors	7	6
	floors	7	4
	bunks	3	4
	boiler	3	.....
	geyser	2	.....
	scuppers	4	4
	service pipes	18	12
	steam pipes	4	3
	soil pipes	5	2
	supply pipes	6	5
	waste pipes	14	11
	pump	1	1
	valves	3	2
<i>Ventilation</i>	defective	1	.....
<i>Heating</i>	inadequate	1	3
	defective	14	11
	restoration of heating	1	.....
<i>Lighting</i>	defective artificial	1	1
<i>Cooking Arrangements</i>	inadequate	1	.....
<i>Miscellaneous—</i>			
	Defective or uncleanly water storage	28	19
	Defective ice box	1	.....
	Badly situated boiler	1	.....
	Defective water supply or water system	3	.....
	Defective ceilotex	2	1
	Defective sink	9	5
	Defective taps	9	5
	Defective lathe mattresses	1	.....
	Defective insulation	1	1
	Defective lagging	2	1

RECOMMENDATIONS—(a) Suggested by your Inspectors.

(b) Carried out.

	<i>Defects. Remedied.</i>	
	(a)	(b)
Removal of lining in provision storeroom .....	1	.....
Provision of bunk lights .....	1	1
Provision of water supply .....	1	1

It must be noted that the defects remedied in column (b) do not necessarily refer to the number in column (a), but refer to the number of defects of such nature observed and dealt with in the period 1st January to 31st December, 1951.

## VII.—FOOD INSPECTION.

(1) No legal actions were taken under the Public Health (Imported Food) Regulations, 1937 and 1948, the Public Health (Imported Milk) Regulations, 1926 and the Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1940.

(2) There are no Shell Fish Beds within the jurisdiction of the Tyne Port Health Authority.

### FISH QUAY, NORTH SHIELDS.

Foodstuffs imported from Norway :—

	<i>Tons. Cwts.</i>		<i>Tons. Cwts.</i>
Fish .....	271 .....	Herrings .....	1,359 13

### ALBERT EDWARD DOCK., NORTH SHIELDS.

Foodstuffs imported from Gambia :—

	<i>Tons. Cwts.</i>		<i>Tons. Cwts.</i>
Canned Crawfish .....	11 .....	Canned Bonito .....	2
Canned Tuna .....	5 .....	Frozen Crawfish Tails .....	3 7

### TYNE COMMISSION QUAY, NORTH SHIELDS.

Foodstuffs imported from Nowray :—

#### OSLO.

	<i>Tons. Cwts.</i>		<i>Tons. Cwts.</i>
Fish .....	1,413 13	Canned Fish .....	298 16
Whalemeat .....	17 14	Reindeer Meat .....	39 2
Canned Meat .....	24 15	Crispbread .....	282 18
Sweetened Fat .....	2,891 19	Cake Mixture .....	338
Cream Filling .....	23 17	Biscuits .....	3 18
Eggs .....	71 17	Fondant .....	122 15
Butter .....	95 19	Marshmallow Powder .....	179 19
Frozen Fruit Pulp .....	11 13	Provisions .....	2 16



## BERGEN.

	<i>Tons.</i>	<i>Cwts.</i>		<i>Tons.</i>	<i>Cwts.</i>
Fish .....	20,231	10	Stockfish.....	3,979	3
Herring .....	2,106	17	Smoked Herring .....	22	2
Salt Herring .....	.....	7	Salt Mackerel .....	9	15
Cod Liver Oil .....	140	3	Whalemeat .....	70	.....
Canned Fish .....	2,097	8	Canned Meat .....	203	9
Canned Cream .....	2	4	Cheese .....	816	9
Fat .....	502	12	Poultry .....	70	8
Confectionery .....	11	5	Provisions .....	37	15
Butter.....	207	10			

## GATESHEAD QUAY.

Foodstuffs imported from :—

## ANTWERP.

	<i>Tons.</i>	<i>Cwts.</i>		<i>Tons.</i>	<i>Cwts.</i>
Apples .....	1	18	Pears .....	15	15
Biscuits .....	119	11	Confectionery.....	56	7
Cornflour .....	250	19	Fat .....	3	5
Cheese .....	2	11	Canned Meat .....	77	6
Canned Vegetables .....	8	.....	Canned Fruit .....	18	2

## HAMBURG.

	<i>Tons.</i>	<i>Cwts.</i>		<i>Tons.</i>	<i>Cwts.</i>
Canned Meat .....	138	2	Confectionery.....	23	11
Wine .....	.....	1	Apples .....	24	9

## ABERDEEN.

	<i>Tons.</i>	<i>Cwts.</i>		<i>Tons.</i>	<i>Cwts.</i>
Cured Pig's Feet .....	3	2	Dripping .....	12	.....
Oatmeal .....	4	.....	Canned Vegetables .....	.....	17
Canned Fish .....	1	10			

## HOLLAND.

	<i>Tons.</i>	<i>Cwts.</i>		<i>Tons.</i>	<i>Cwts.</i>
Canned Meat .....	1,154	1	Canned Fruit .....	325	15
Canned Soup .....	11	7	Canned Ham .....	.....	14
Fish.....	67	12	Fish Oil .....	3	17
Cheese.....	304	.....	Fat .....	30	15
Bacon .....	2,490	8	Dried Milk .....	2	14
Block Milk .....	250	19	Condensed Milk .....	413	5
Casings .....	.....	18	Poultry .....	3	18
Butter .....	40	19	Confectionery.....	1,507	12
Chocolate .....	158	17	Malt Syrup .....	460	7
Wine .....	126	3	Split Peas .....	15	14
Biscuits .....	446	18	Dried Peas .....	268	.....
Farinoca .....	101	9	Bakery Cream .....	27	1
Cocoa Butter .....	36	1	Jelly .....	1	2
Pears .....	407	14	Apples .....	408	2
Grapes .....	59	16	Oranges .....	315	10
Fruit Pulp .....	97	16	Lemons .....	10	12
Melons .....	26	17	Gooseberries .....	16	7
Bilberries .....	7	2	Blackcurrants .....	2	10
Onions .....	2,428	17	Lettuce .....	176	13
Vegetables in brine .....	53	3	Cabbage .....	17	15
Peas .....	134	16	Cucumbers .....	181	8
Radishes .....	2	9	Carrots .....	38	11
Beans .....	19	2	Tomatoes .....	1,430	10
Beetroot .....	.....	5	Cauliflowers .....	2	17
Brussel Sprouts .....	1	.....			

**BALTIC MILLS.**

			<i>Tons.</i>	<i>Cwts.</i>
From Hull	.....	Wheat	9,134	
„ Boston	.....	Wheat	7,734	
„ Hartlepool	.....	Wheat	183	
„ Immingham	.....	Wheat	753	
„ Australia	.....	Wheat	13,116	
„ Russia	.....	Wheat	8,122	
„ Russia	.....	Barley	2,030	
„ United States America	.....	Wheat	18,257	
„ Canada	.....	Wheat	37,983	
„ Germany	.....	Wheat	3,441	

**DUNSTON MILLS.**

			<i>Tons.</i>	<i>Cwts.</i>
From Hull	.....	Wheat	4,626	
„ Boston	.....	Wheat	1,919	
„ Kings Lynn	.....	Wheat	9,338	
„ Canada	.....	Wheat	26,575	
„ Holland	.....	Wheat	1,065	
„ Morocco	.....	Barley	589	

**ADVICE AS TO SICKNESS**

on shipboard and other matters continue to be received and forwarded to the Health Department of other British Port Health Authorities.

**SMOKE NUISANCE.**

The Inspector reports that it has not been necessary to take action against Masters of steamers for the evolution of dense smoke during 1951.

Verbal notices have been complied with.

**PLAGUE, CHOLERA, YELLOW FEVER AND SMALLPOX.**

No cases of plague, cholera, yellow fever or smallpox occurred in the Port during the year 1951.

**DERATISATION AND DERATISATION EXEMPTION CERTIFICATES.**

Under the International Sanitary Convention of Paris, 1926, the following certificates were issued during the year 1951 :—

Deratisation Certificates	.....	36
Deratisation Exemption Certificates	.....	359
TOTAL		<u>395</u>

**LAUNCHES.**

Both launches are still in commission.

## CO-OPERATION WITH OUTSIDE AUTHORITIES.

I have, in my opening remarks, stressed the dependence of the Authority upon H.M. Customs & Excise and H.M. Immigration Service—these being the two Government Departments most intimately connected with our work.

The assistance of the Surveyors and general staff of the Board of Trade is also freely sought, and on their part, freely given. This is always a powerful help in dealing with constructional defects.

I desire once more to tender to the Principal Officers and Staffs of all the above departments, my grateful thanks.

To all others who have helped us in the past year—the General Manager and Staff of the Tyne Improvement Commission, Pilotage Board, and in particular the Members of my own staff, I extend my warmest thanks.

T. L. J. COXON, M.D., B.S., B.Hy., D.P.H.

*Mill Dam,  
South Shields.  
August, 1952.*











